

PATENT ABSTRACTS OF JAPAN

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(54) DIGITAL MODULATION RADIO REPEATER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a digital modulation radio repeater capable of measuring accurate BER at all times even during a relay operation.

SOLUTION: In a digital modulator 1, by a multiplex circuit 4, PRBS signals supplied from a PRBS signal generator are time-division-multiplexed to digital input signals DI. In a digital demodulator 2, the PRBS signals are demultiplexed and taken out from digital signals transmitted through a radio channel 9 by a demultiplex circuit 7 and a bit error detector 8 measures a bit error rate BER generated in the radio channel 9 by the PRBS signals. Thus, while relaying the digital signals, the bit error rate BER is measured in real time.

